UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/650,186	08/28/2003	Lyle V. Lehman	2002-IP-009291U1	6459
29920 JOHN W. WUS	7590 10/13/201 STENBERG	1	EXAMINER	
P.O. BOX 1431		GAY, JENNIFER HAWKINS		
DUNCAN, OK	. /3536		ART UNIT PAPER NUMBER	
			3676	
			NOTIFICATION DATE	DELIVERY MODE
			10/13/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

JOHN.WUSTENBERG@HALLIBURTON.COM TIFFANY.KYLE@HALLIBURTON.COM

	Application No.	Applicant(s)				
	10/650,186	LEHMAN ET AL.				
Notice of Abandonment	Examiner	Art Unit				
	JENNIFER H. GAY	3676				
The MAILING DATE of this communication app		l l	dress			
This application is abandoned in view of:						
Applicant's failure to timely file a proper reply to the Offic (a) ☐ A reply was received on (with a Certificate of I period for reply (including a total extension of time of	Mailing or Transmission dated		expiration of the			
(b) A proposed reply was received on, but it does	not constitute a proper reply under 3	7 CFR 1.113 (a) to th	ne final rejection.			
(A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114).						
(c) A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).						
(d) 🛮 No reply has been received.						
 2. Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85). (a) The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of Allowance (PTOL-85). 						
(b) ☐ The submitted fee of \$ is insufficient. A balance	e of \$ is due.					
The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$						
(c) ☐ The issue fee and publication fee, if applicable, has not been received.						
3. Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).						
(a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply.						
(b) No corrected drawings have been received.						
4. The letter of express abandonment which is signed by th the applicants.	e attorney or agent of record, the ass	ignee of the entire in	terest, or all of			
5. The letter of express abandonment which is signed by an 1.34(a)) upon the filing of a continuing application.	n attorney or agent (acting in a repres	entative capacity und	der 37 CFR			
6. The decision by the Board of Patent Appeals and Interferof the decision has expired and there are no allowed claim		se the period for seek	king court review			
7. The reason(s) below:						
	/JENNIFER H GAY/ Primary Examiner, Art Uni	t 3676				
Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.						
U.S. Patent and Trademark Office PTOL-1432 (Rev. 04-01) Notice	of Abandonment	Part of Pap	er No. 20111004			